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NOTICE OF ALLOWANCE AND FEE(S) DUE

23696

7590

11/01/2010

QUALCOMM INCORPORATED 5775 MOREHOUSE DR. SAN DIEGO, CA 92121 EXAMINER

AHN, SAM K

ART UNIT PAPER NUMBER

2611

DATE MAILED: 11/01/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/650.272	08/28/2003	Haitao Zhang	020306	6605

TITLE OF INVENTION: METHOD AND APPARATUS FOR IMPROVING CHANNEL ESTIMATE BASED ON SHORT SYNCHRONIZATION CODE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	02/01/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

maintenance fee notificat	correspondence includired below or directed other tions. ENCE ADDRESS (Note: Use Bl				Note Fee(s	: A certificate of	mailing	can only be used for	correspondence address as rate "FEE ADDRESS" for domestic mailings of the or any other accompanying
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QUALCOMM 5775 MOREHO SAN DIEGO, CA						Cert	tificate	of Mailing or Transn	nission deposited with the United class mail in an envelope above, or being facsimile te indicated below.
									(Depositor's name)
									(Signature)
									(Date)
APPLICATION NO.	FILING DATE			FIRST NAMED INVEN	TOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
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OF INVENTION APPLN, TYPE	SMALL ENTITY	ISSUE FE		PUBLICATION FEE D		PREV. PAID ISSUE		TOTAL FEE(S) DUE	DATE DUE
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nonprovisional	NO	\$13	\$1510 \$30		_	\$0		\$1810	02/01/2011
EXAM	INER	ART U	JNIT	CLASS-SUBCLASS	S				
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"Fee Address" indi PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME ADDRESSE NOTE: Unl	n in 37 CFR 3.11. Comp	"Indication for ded. Use of a GA TO BE PRI	orm Customer NTED ON Too assignee	data will appear on t	rnativesingles or age attorial be performed by type type and a general and a general architectures.	ely, firm (having as a gent) and the nameneys or agents. If introduced tents are tents. e) tent. If an assignessignment.	membes of up no nam	er a 2 o to e is 3 entified below, the do	cument has been filed for
Please check the appropri	iate assignee category or	categories (w	vill not be pr	inted on the patent):		Individual 🖵 Co	rporati	on or other private gro	up entity Government
4a. The following fee(s) a Issue Fee Publication Fee (N Advance Order - #	4 t _	4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) ☐ A check is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).							
••	s SMALL ENTITY statu	is. See 37 CF		☐ b. Applicant is no	o long	er claiming SMAL	L ENT	TITY status. See 37 CF	
NOTE: The Issue Fee and interest as shown by the r	d Publication Fee (if requeecords of the United Sta	uired) will no tes Patent and	t be accepted I Trademark	d from anyone other the Office.	han th	e applicant; a regi	stered a	ittorney or agent; or the	e assignee or other party in
Authorized Signature						Date			
Typed or printed name									
This collection of informan application. Confident submitting the completed this form and/or suggesti-	ation is required by 37 C iality is governed by 35 I application form to the ons for reducing this bu	FR 1.311. Th U.S.C. 122 a USPTO. Tirr rden, should b	ne information of the informatio	on is required to obtain 1.14. This collection i depending upon the e Chief Information C	n or re is esti indivi Officer	etain a benefit by the mated to take 12 m dual case. Any co r, U.S. Patent and	ne publ ninutes mment Tradem	ic which is to file (and to complete, including s on the amount of tim ark Office, U.S. Depa	by the USPTO to process) g gathering, preparing, and he you require to complete rtment of Commerce, P.O.

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10/650,272	08/28/2003	Haitao Zhang	020306 6605		
23696 75	590 11/01/2010		EXAM	INER	
QUALCOMM IN	NCORPORATED	AHN, SAM K			
5775 MOREHOUS			ART UNIT	PAPER NUMBER	
SAN DIEGO, CA	92121		2611		
		DATE MAILED: 11/01/201	0		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 497 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 497 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)				
	10/650,272	ZHANG HAITAO	ZHANG, HAITAO			
Notice of Allowability	Examiner	Art Unit				
	SAM K. AHN	2611				
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313 1. This communication is responsive to 10/20/10.	(OR REMAINS) CLOSED or other appropriate comn GHTS . This application is	in this application. If not included nunication will be mailed in due course. TH				
2. ☑ The allowed claim(s) is/are <u>1-77</u> .						
3. ☐ Acknowledgment is made of a claim for foreign priority una a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)).	been received. been received in Applicat	ion No	ne			
* Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" on noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submit	ENT of this application.					
INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.						
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material /Sam K. Ahn/ Primary Examiner, Art Unit 2611	6. ☐ Interview : Paper No 7. ☐ Examiner'	nformal Patent Application Summary (PTO-413), ./Mail Date s Amendment/Comment s Statement of Reasons for Allowance				